

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031967.D
 Acq On : 07 Oct 2022 17:08
 Operator : JC/MD
 Sample : N4882-20 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-132

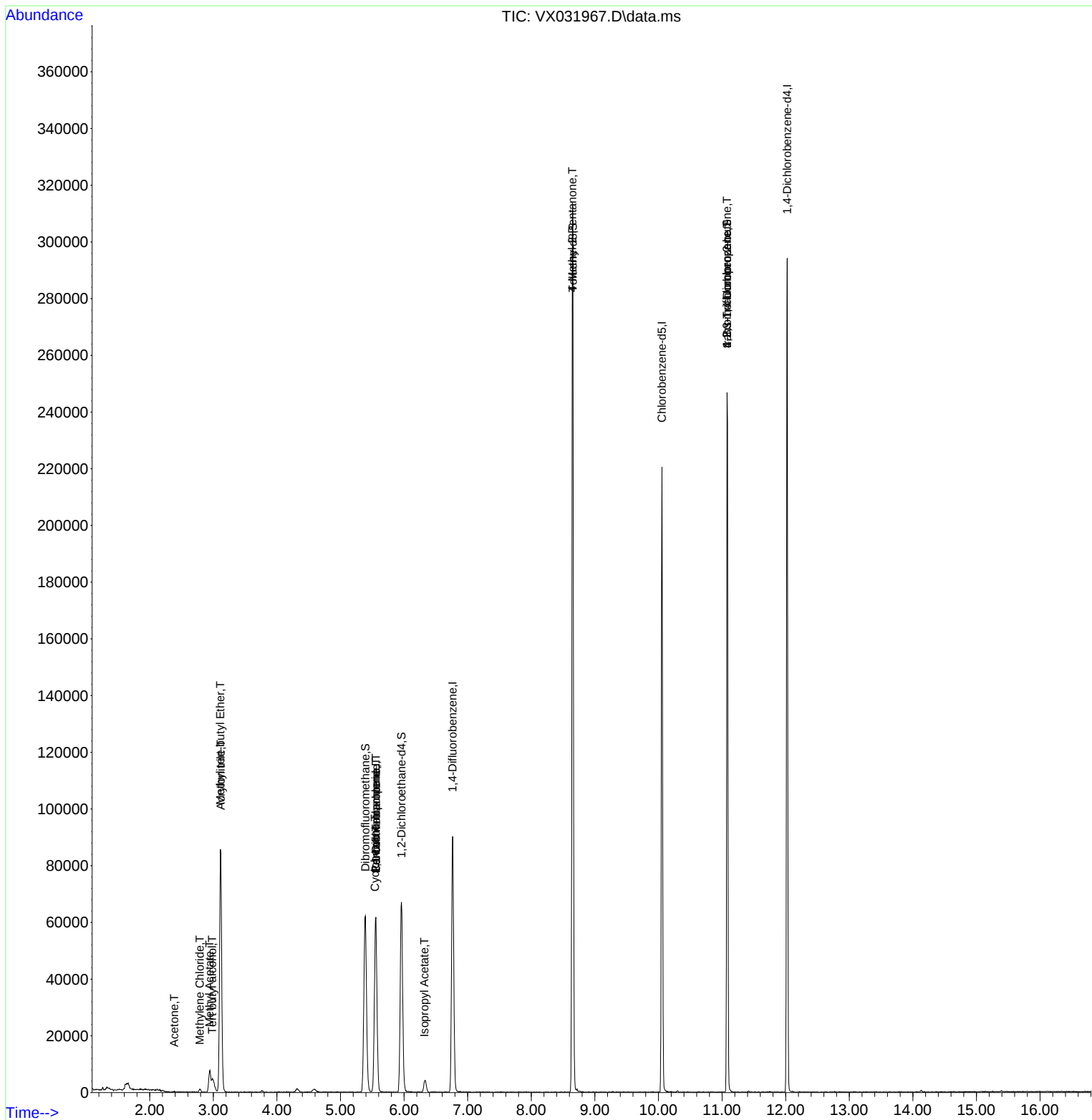
Quant Time: Oct 08 05:14:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

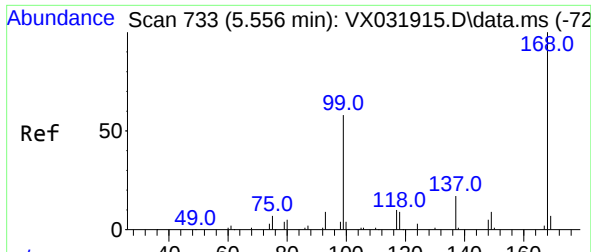
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	57699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	94052	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63248	53.078	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.160%			
35) Dibromofluoromethane	5.391	113	53453	50.209	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.420%			
50) Toluene-d8	8.653	98	187889	49.046	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.100%			
62) 4-Bromofluorobenzene	11.079	95	64010	47.264	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.520%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	419	Below Cal	#	55
11) Tert butyl alcohol	2.983	59	6896	46.514	ug/l #	73
15) Acrylonitrile	3.117	53	1247	2.639	ug/l #	26
16) Acetone	2.386	43	218	0.538	ug/l #	45
18) Methyl Acetate	2.941	43	657	0.492	ug/l #	52
19) Methyl tert-butyl Ether	3.111	73	93492	31.700	ug/l	97
20) Methylene Chloride	2.788	84	596	0.560	ug/l #	72
31) Cyclohexane	5.544	56	1252	0.880	ug/l #	36
36) 1,1-Dichloropropene	5.556	75	4495	3.184	ug/l #	48
38) Carbon Tetrachloride	5.556	117	6184	4.284	ug/l #	18
43) Isopropyl Acetate	6.318	43	1403	0.696	ug/l #	1
51) 4-Methyl-2-Pentanone	8.647	43	845	0.632	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33134	26.606	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33134	91.221	ug/l #	11

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Oct 08 05:14:17 2022
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Quant Title : SW846 8260
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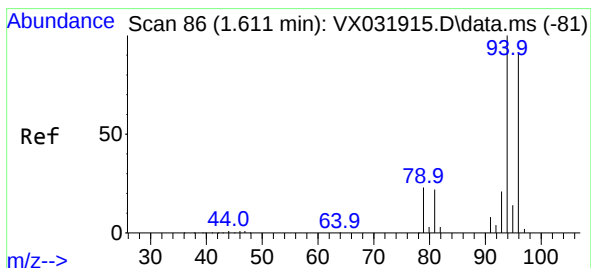
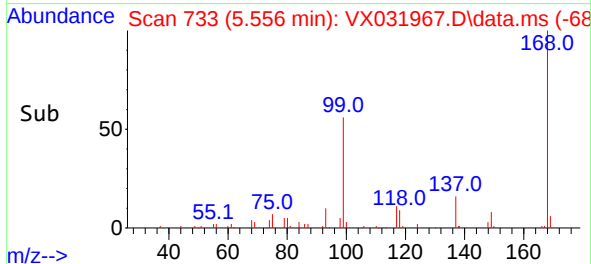
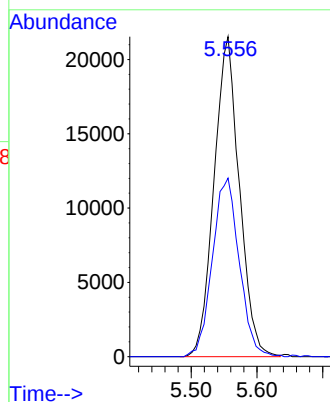
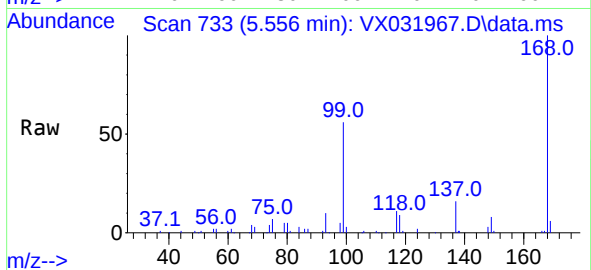




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

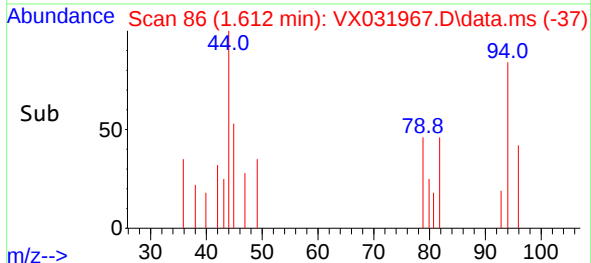
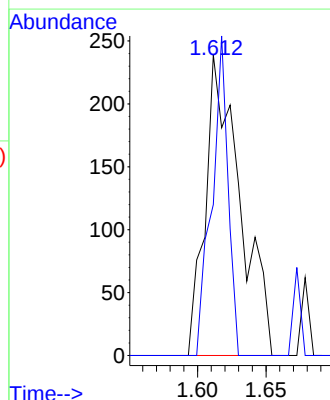
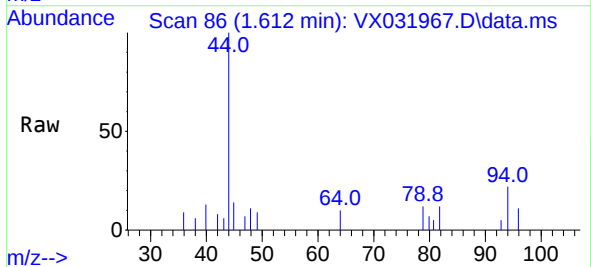
Instrument :
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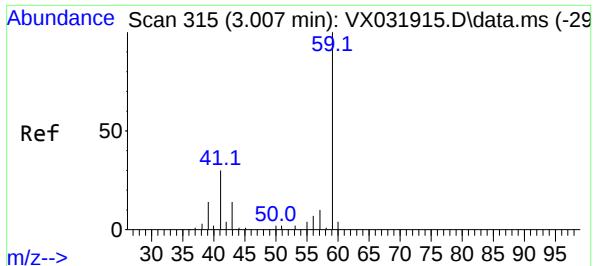
Tgt Ion:168 Resp: 57699
Ion Ratio Lower Upper
168 100
99 55.8 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.001 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

Tgt Ion: 94 Resp: 419
Ion Ratio Lower Upper
94 100
96 50.2 74.4 111.6#

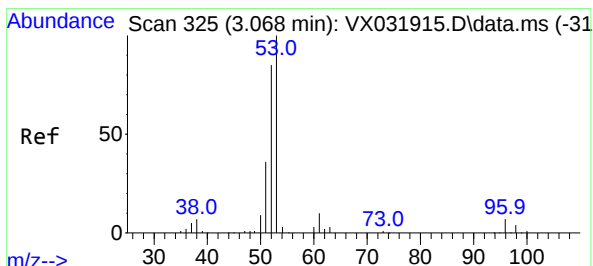
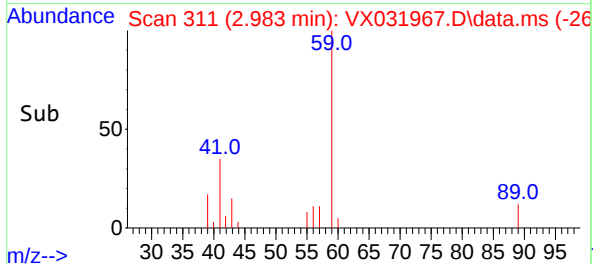
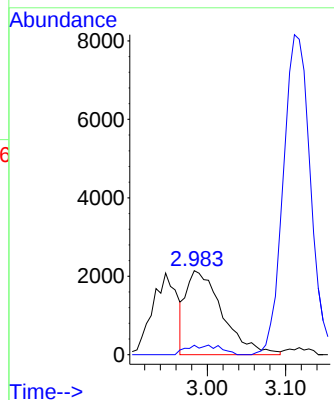
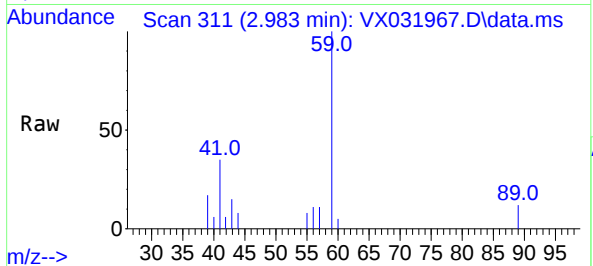




#11
Tert butyl alcohol
Concen: 46.514 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.024 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

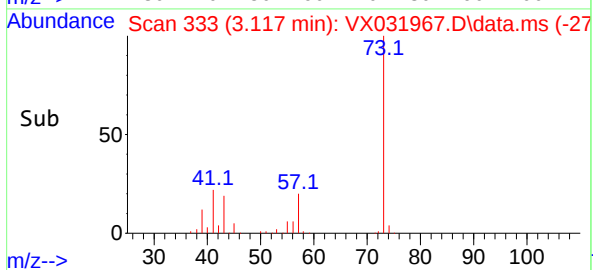
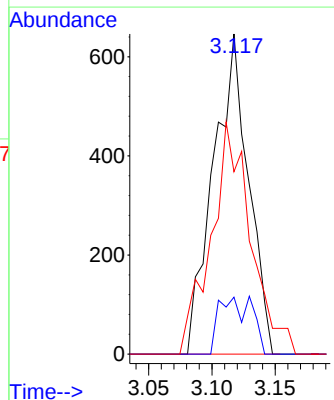
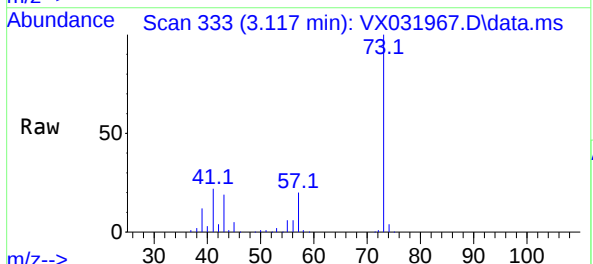
Instrument :
MSVOA_X
ClientSampleId :
MW-132

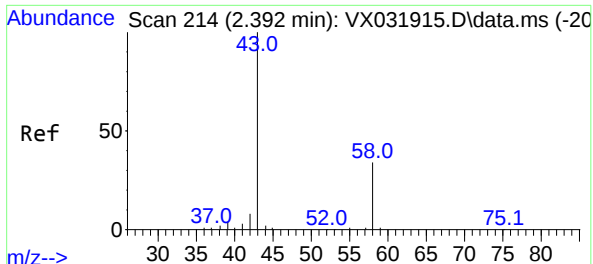
Tgt Ion: 59 Resp: 6896
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#15
Acrylonitrile
Concen: 2.639 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.049 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

Tgt Ion: 53 Resp: 1247
Ion Ratio Lower Upper
53 100
52 16.7 66.9 100.3#
51 82.0 30.0 45.0#

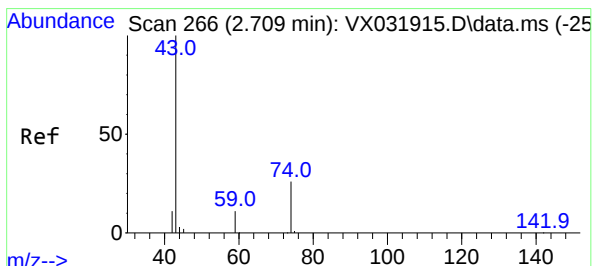
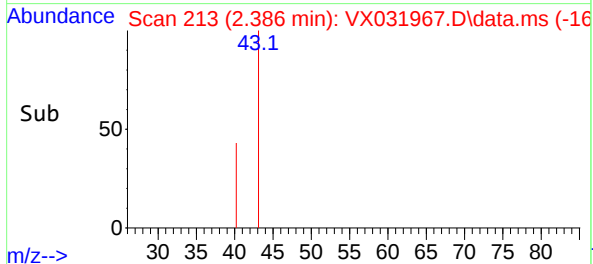
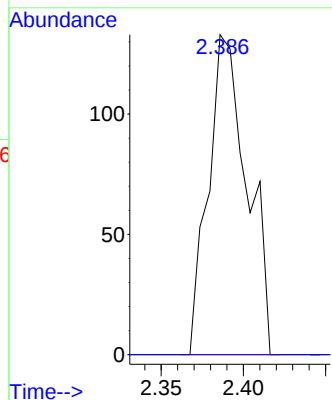
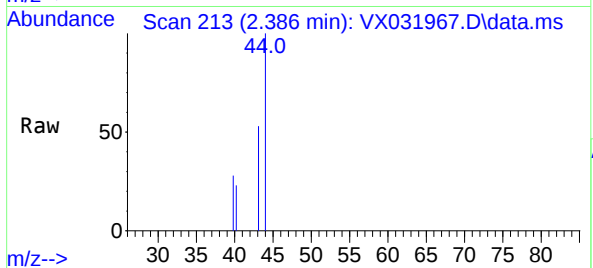




#16
Acetone
Concen: 0.538 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

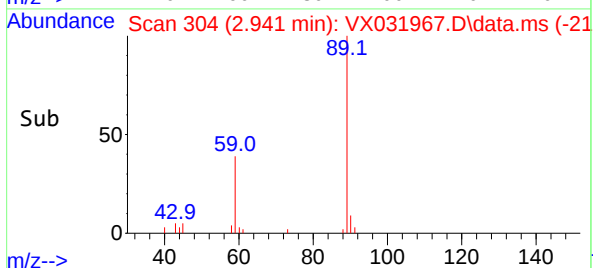
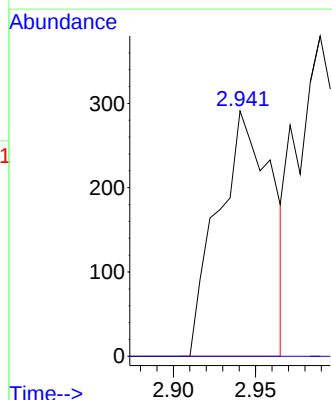
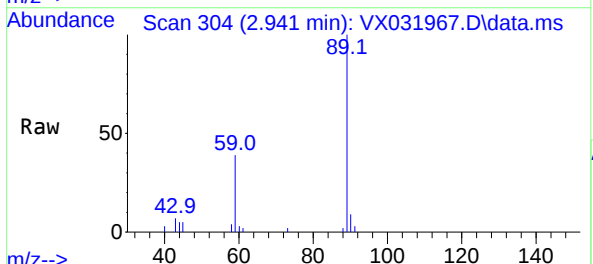
Instrument :
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ClientSampleId :
MW-132

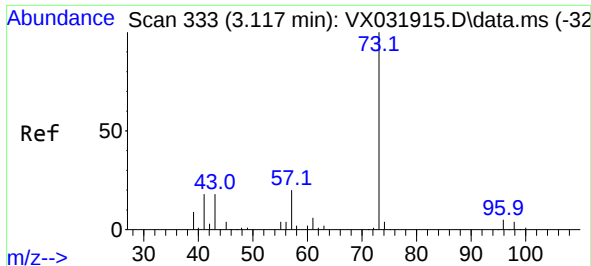
Tgt Ion: 43 Resp: 218
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#18
Methyl Acetate
Concen: 0.492 ug/l
RT: 2.941 min Scan# 304
Delta R.T. 0.232 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

Tgt Ion: 43 Resp: 657
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#

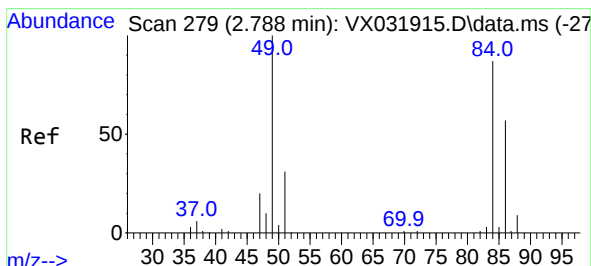
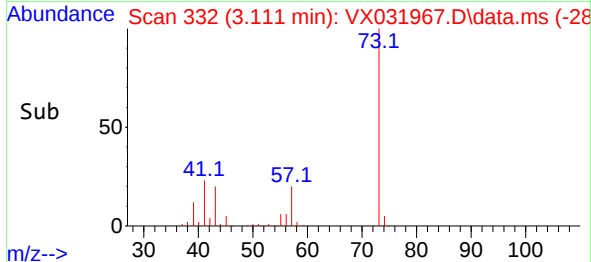
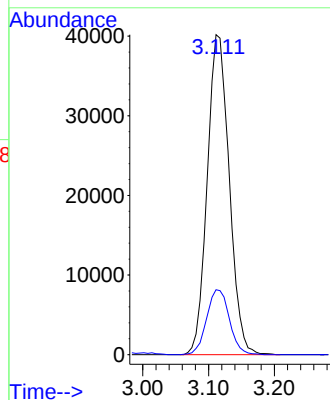
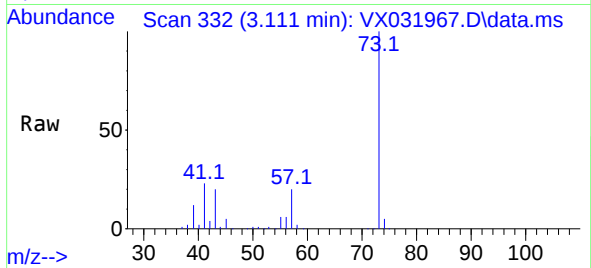




#19
Methyl tert-butyl Ether
Concen: 31.700 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

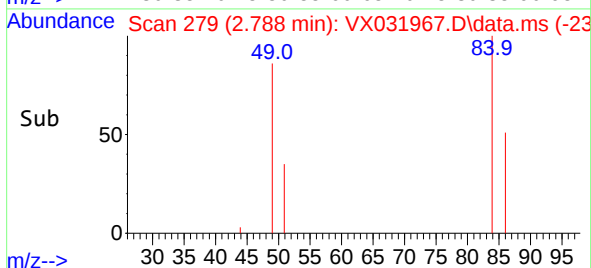
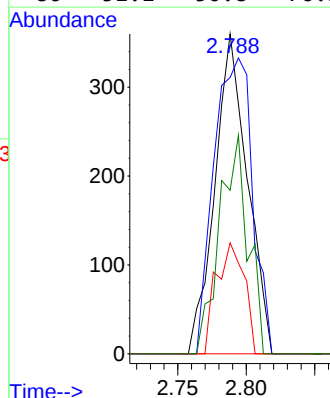
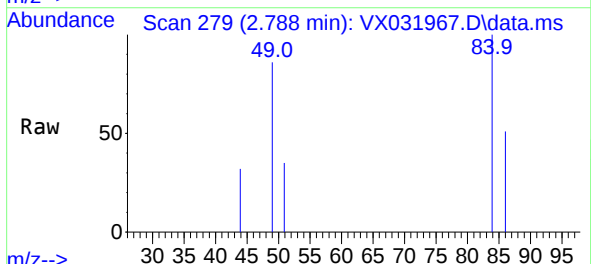
Instrument :
MSVOA_X
ClientSampleId :
MW-132

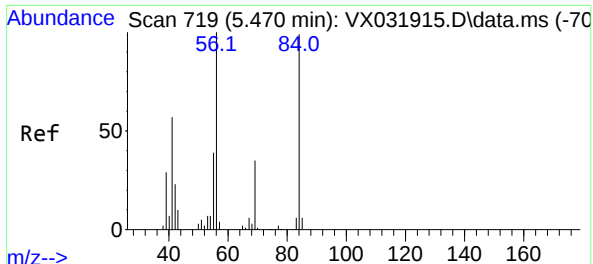
Tgt Ion: 73 Resp: 93492
Ion Ratio Lower Upper
73 100
57 20.3 17.2 25.8



#20
Methylene Chloride
Concen: 0.560 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

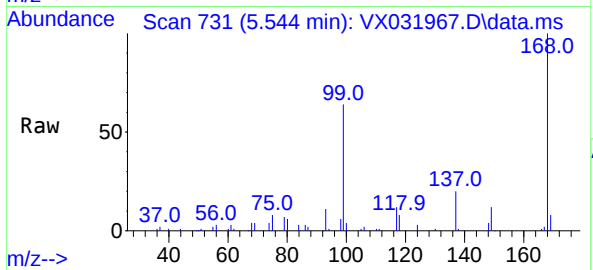
Tgt Ion: 84 Resp: 596
Ion Ratio Lower Upper
84 100
49 86.4 105.9 158.9#
51 34.7 32.2 48.2
86 51.1 50.8 76.2



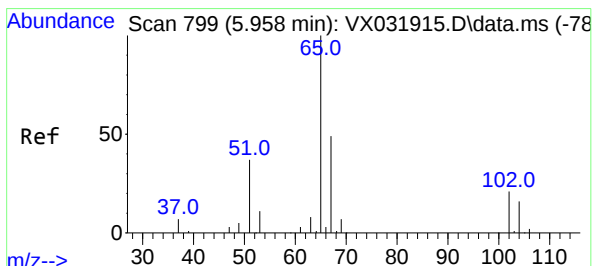
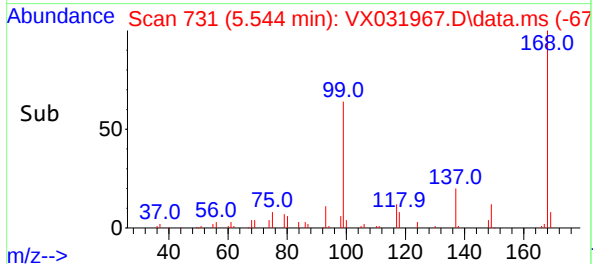
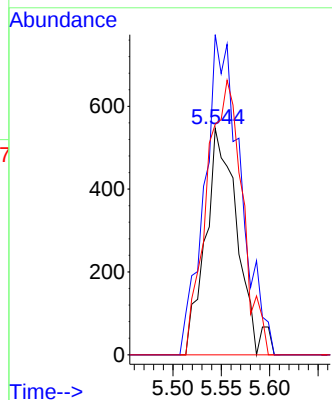


#31
Cyclohexane
Concen: 0.880 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

Instrument :
MSVOA_X
ClientSampleId :
MW-132

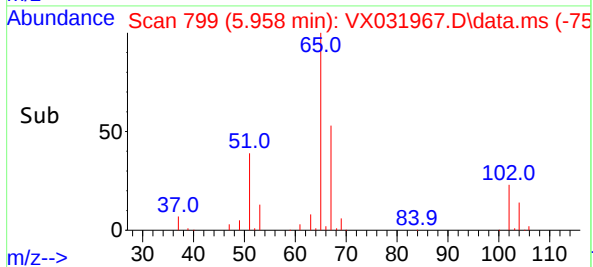
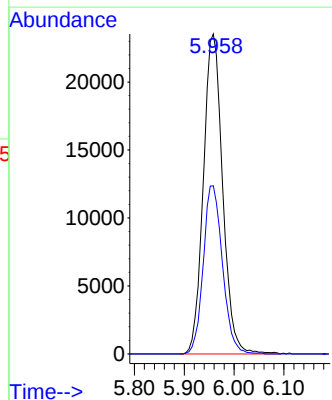
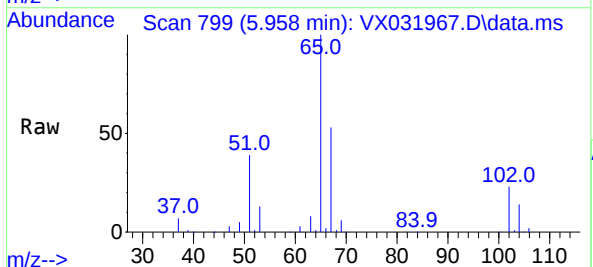


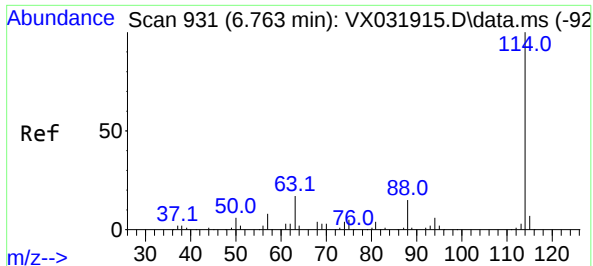
Tgt Ion: 56 Resp: 1252
Ion Ratio Lower Upper
56 100
69 141.6 25.1 37.7#
84 102.0 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 53.078 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

Tgt Ion: 65 Resp: 63248
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4

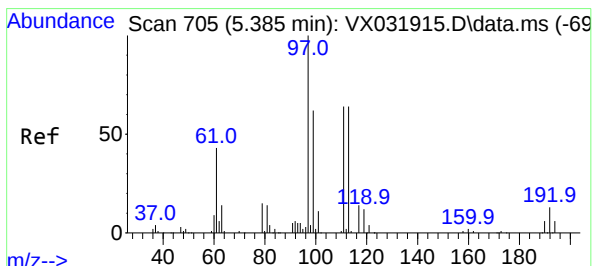
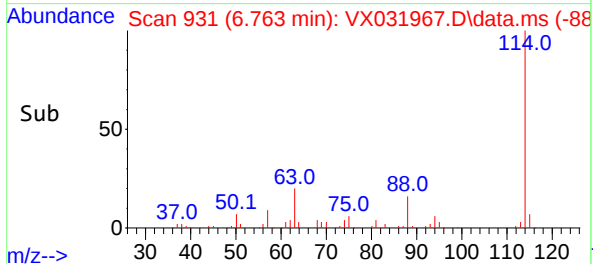
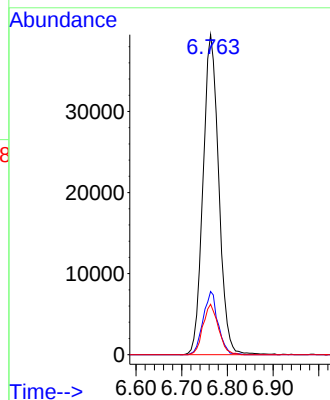
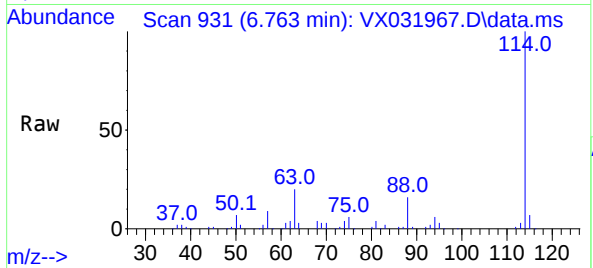




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

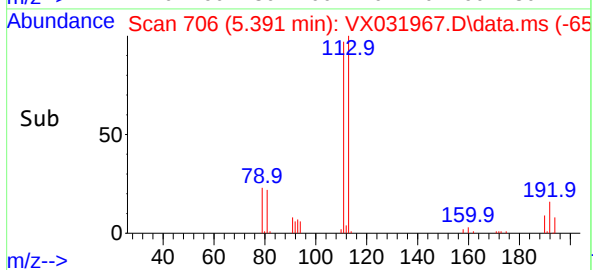
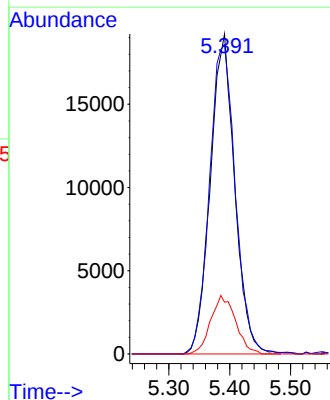
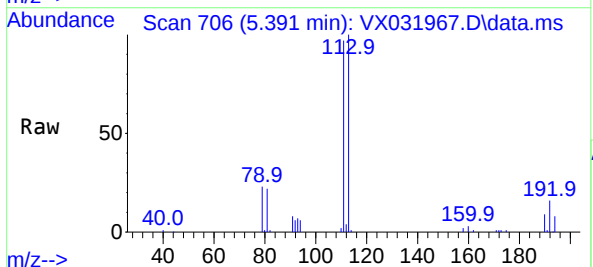
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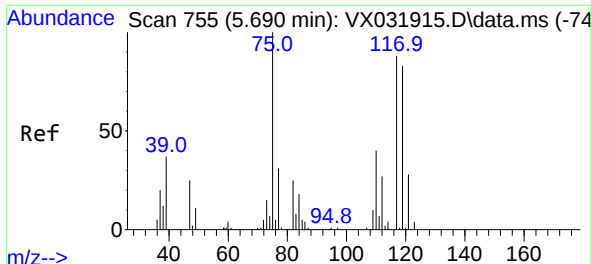
Tgt Ion:114 Resp: 94052
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.6
88 15.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.209 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

Tgt Ion:113 Resp: 53453
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 18.6 14.1 21.1

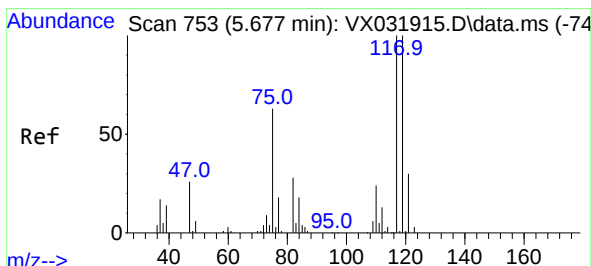
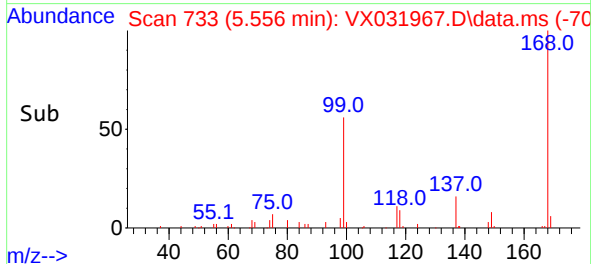
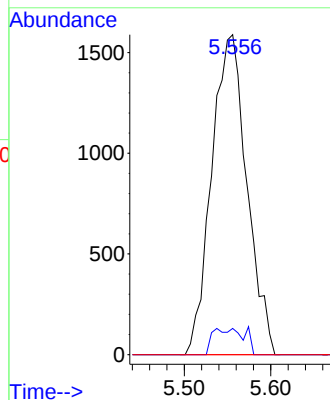
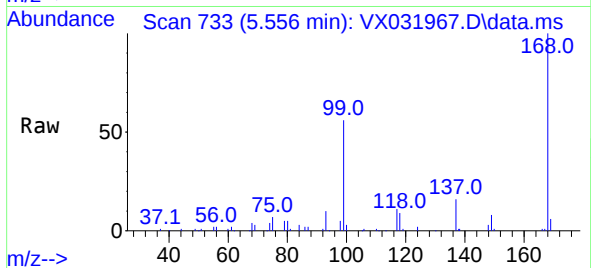




#36
1,1-Dichloropropene
Concen: 3.184 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

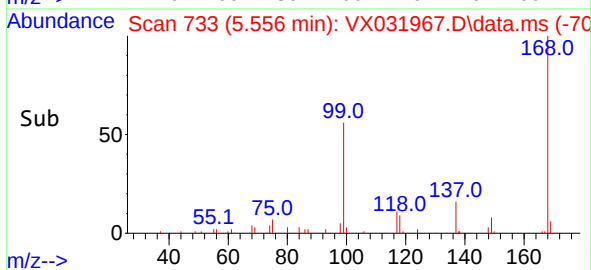
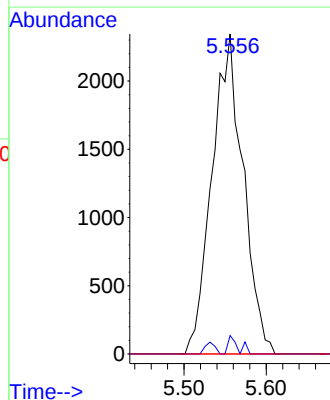
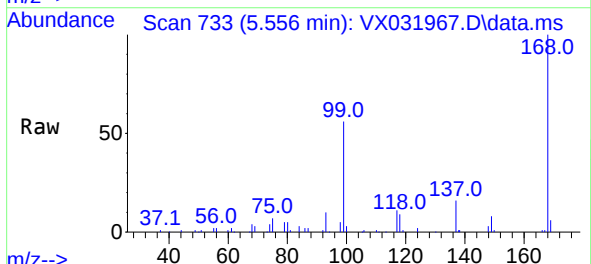
Instrument :
MSVOA_X
ClientSampleId :
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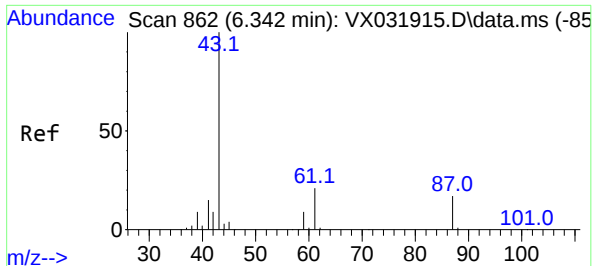
Tgt Ion: 75 Resp: 4495
Ion Ratio Lower Upper
75 100
110 7.4 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.284 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

Tgt Ion: 117 Resp: 6184
Ion Ratio Lower Upper
117 100
119 5.8 74.6 112.0#
121 0.0 25.3 37.9#

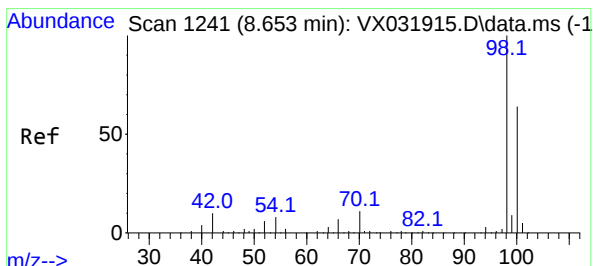
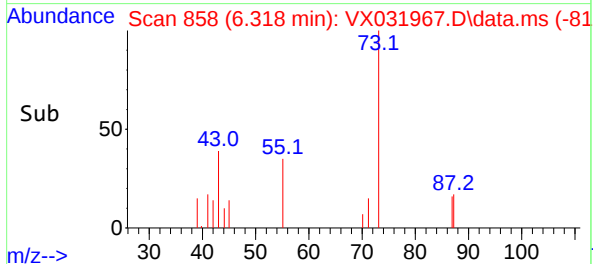
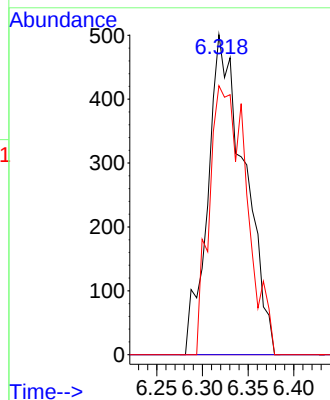
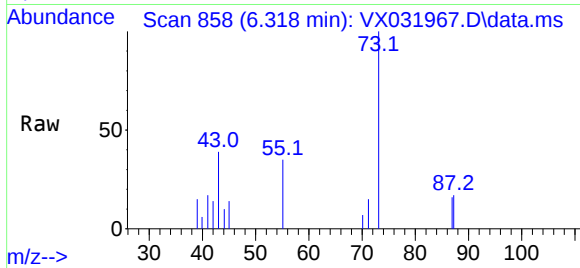




#43
Isopropyl Acetate
Concen: 0.696 ug/l
RT: 6.318 min Scan# 81
Delta R.T. -0.024 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

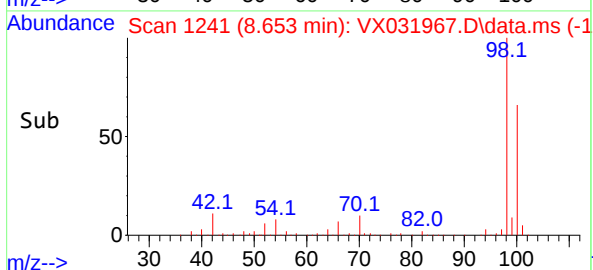
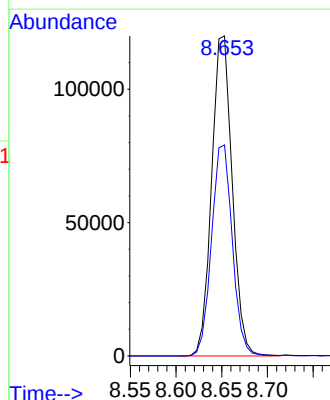
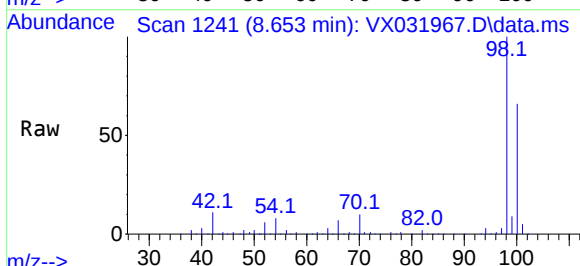
Instrument :
MSVOA_X
ClientSampleId :
MW-132

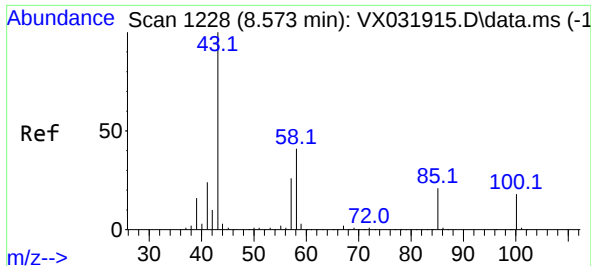
Tgt Ion: 43 Resp: 1403
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 85.7 10.6 15.8#



#50
Toluene-d8
Concen: 49.046 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

Tgt Ion: 98 Resp: 187889
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7

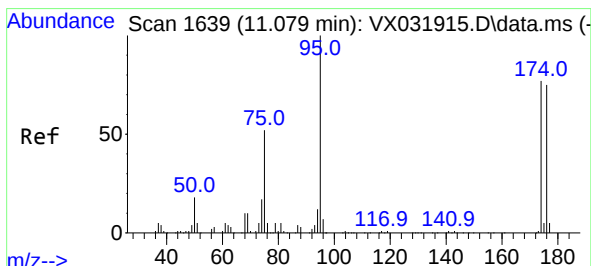
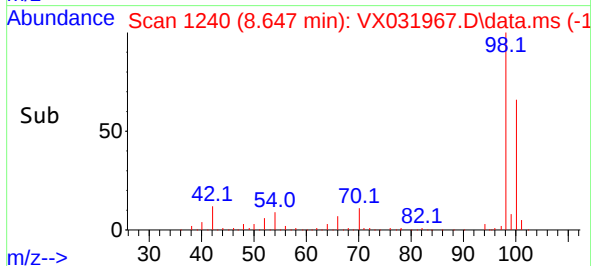
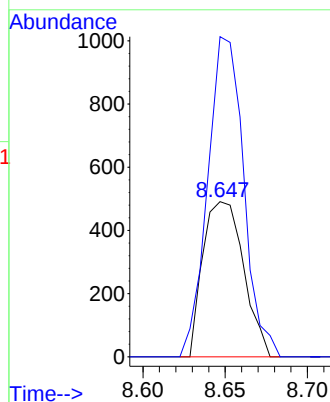
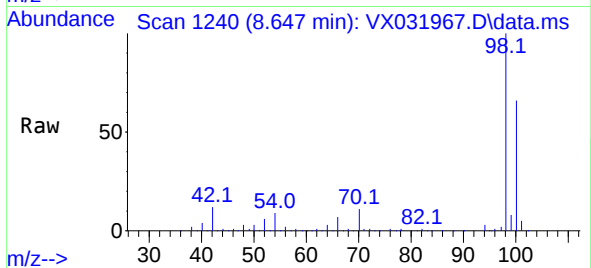




#51
4-Methyl-2-Pentanone
Concen: 0.632 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

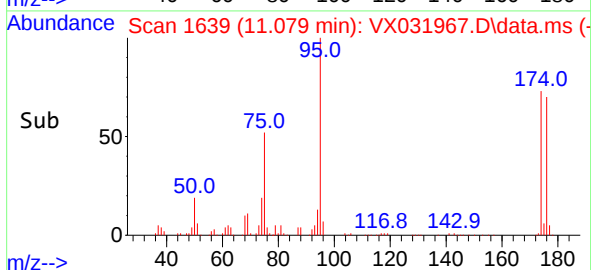
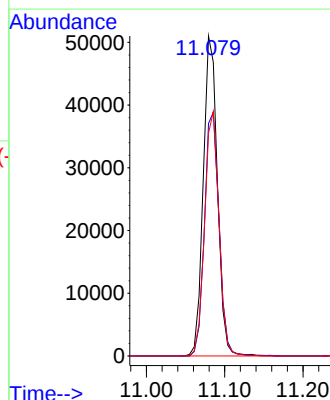
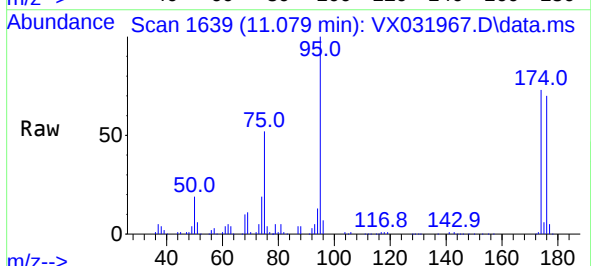
Instrument :
MSVOA_X
ClientSampleId :
MW-132

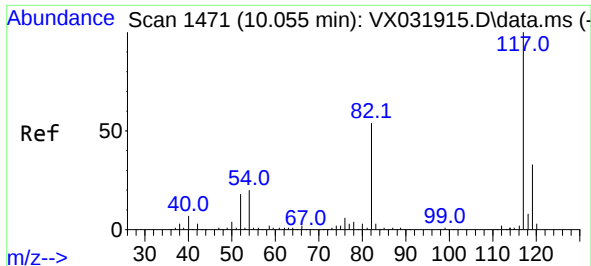
Tgt Ion: 43 Resp: 845
Ion Ratio Lower Upper
43 100
58 182.6 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 47.264 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

Tgt Ion: 95 Resp: 64010
Ion Ratio Lower Upper
95 100
174 78.4 0.0 153.2
176 77.4 0.0 144.0



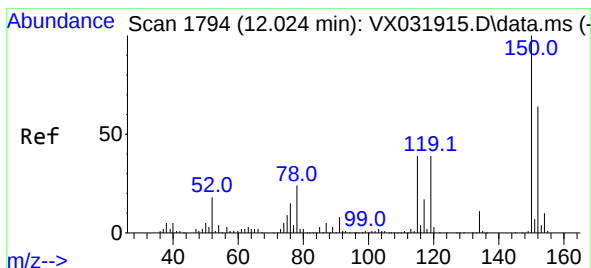
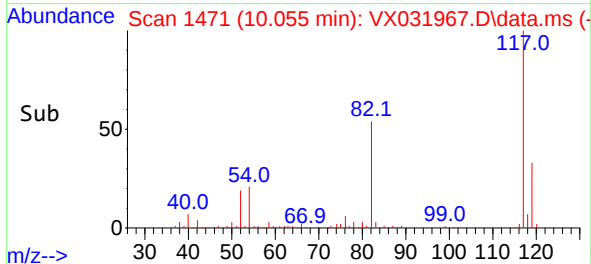
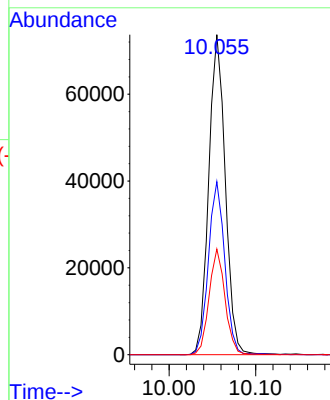
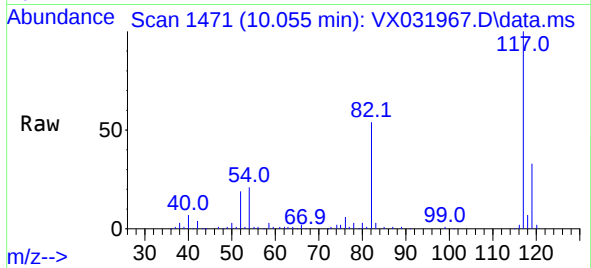


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

Instrument :
MSVOA_X
ClientSampleId :
MW-132

Tgt Ion:117 Resp: 97788

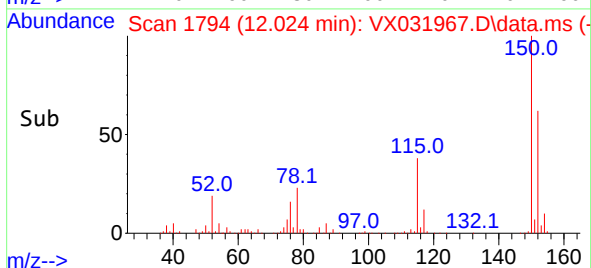
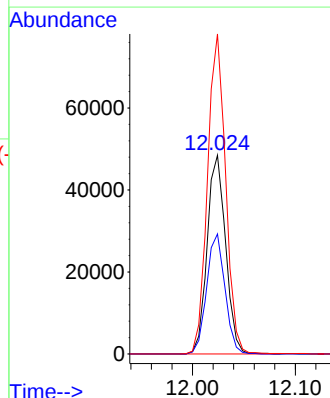
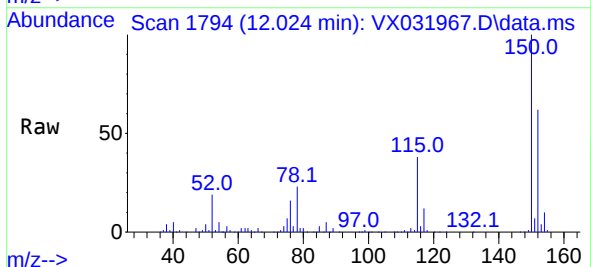
Ion	Ratio	Lower	Upper
117	100		
82	54.1	46.8	70.2
119	33.0	26.4	39.6

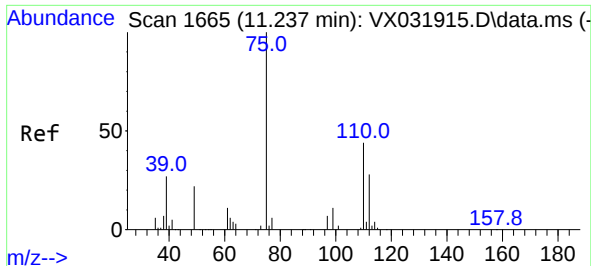


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

Tgt Ion:152 Resp: 60763

Ion	Ratio	Lower	Upper
152	100		
115	59.9	43.4	130.1
150	158.0	0.0	346.8

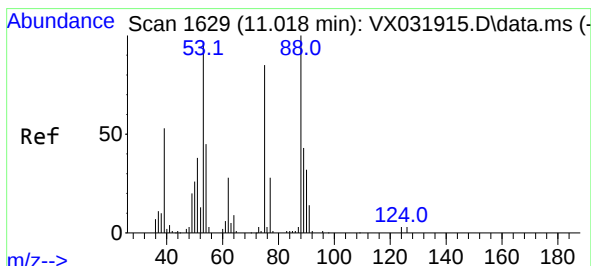
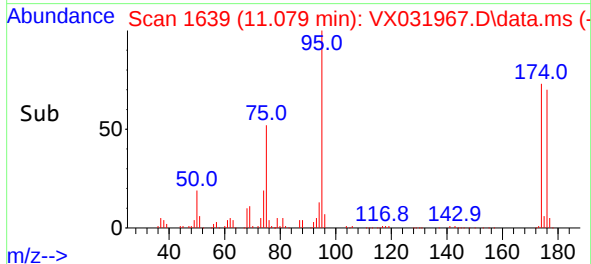
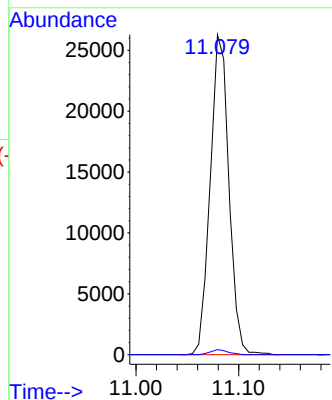
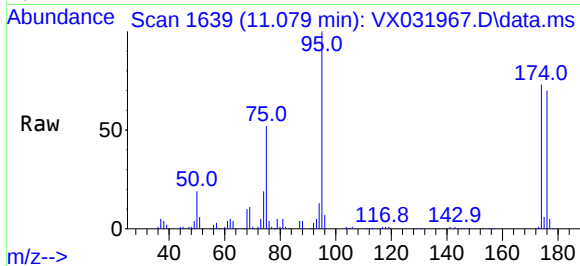




#76
1,2,3-Trichloropropane
Concen: 26.606 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

Instrument :
MSVOA_X
ClientSampleId :
MW-132

Tgt Ion: 75 Resp: 33134
Ion Ratio Lower Upper
75 100
77 1.5 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.221 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031967.D
Acq: 07 Oct 2022 17:08

Tgt Ion: 75 Resp: 33134
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.1 37.4 56.0#

